

**Work Order ID 107674****\*107674\***

Page 1

September-27-13 1:09:43 PM

Item ID: 646.3718

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

Revision ID:

Item Name: Custom Washer

Stop

**\*NS2\***

Start Date: 9/27/13 Start Qty: 4.00

~~\*4\*~~ \* 8 \*

Cust Item ID:

Required Date: 9/27/13 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: MLSDate: 13-09-30 Tooling:

Date:

Run

Start

**\*NR1\***

QC:

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Stop

**\*NR2\***

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| 646.3700 | A            |

110

**\*110\***

Waterjet

FLOW CNC Waterjet

Memo

1-Cut as per Dwg

Dwg Rev: AProg Rev: A

2-Deburr if necessary

0.00

8 0 A  
13-11-02

120

**\*120\***

QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

8 0 A  
13-11-02

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Date: .

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_



NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order ID 107674

\*107674\*

Page 3

September-27-13 1:09:43 PM

Item ID: 646.3718

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: Custom Washer

Start Date: 9/27/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 9/27/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

160

QC5- Inspect part completeness to step on W/O

0.00

DAS

27

9-89

\*160\*

QC

Quality Control

3/11/22

8

190

Identify as per dwg & Stock Location: ST524 0.00

0.00

8X

DAS

28

9-89

13-11-22

\*190\*

Packaging

Packaging

200

QC21- Final Inspection - Work Order Release

0.00

13/11/22

\*200\*

QC

Quality Control

0.00

13/11/22

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____  |      |      | DISPOSITION   |   | AGAINST DEPARTMENT/PROCESS   |   |   |              |              |  |  |   |  |
|--|------|------|---|---|--|---|---|--------------|--------------|--|--|---|--|
|  |      |      | Rework<br><input type="checkbox"/><br>Scrap<br><input type="checkbox"/><br>Use-as-is<br><input type="checkbox"/><br>Work Order Update<br><input type="checkbox"/> | Skid-tube<br><input type="checkbox"/><br>Machining<br><input type="checkbox"/><br>Thermoforming<br><input type="checkbox"/><br>Large Fab<br><input type="checkbox"/>  | Crosstube<br><input type="checkbox"/><br>Small Fab<br><input type="checkbox"/><br>Finishing<br><input type="checkbox"/><br>Composite<br><input type="checkbox"/> | Water Jet<br><input type="checkbox"/><br>Prod. Eng. Coor.<br><input type="checkbox"/><br>Rec/Store/Packaging<br><input type="checkbox"/><br>Supplier<br><input type="checkbox"/>  | Engineering<br><input type="checkbox"/><br>Quality<br><input type="checkbox"/><br>Other<br><input type="checkbox"/> |              |              |  |  |   |  |
| Root Cause   | Date | Step | Qty   | Description of work order update or Non-conformance   | Initial Chief Eng  | Action Description  | Sign & Date   | Verification | QC Inspector |  |  |   |  |
| Doc/Data<br><input type="checkbox"/><br>Equip/Tooling<br><input type="checkbox"/><br>Operator<br><input type="checkbox"/><br>Material<br><input type="checkbox"/><br>Setup<br><input type="checkbox"/><br>Other<br><input type="checkbox"/><br>Process<br><input type="checkbox"/><br>Supplier<br><input type="checkbox"/><br>Training<br><input type="checkbox"/><br>Unapproved<br><input type="checkbox"/>   |      |      |   |   |  |   |   |              |              |  |  |   |  |
| FAULT CATEGORY   |      |      |   |   |  |   |   |              |              |  |  |   |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped.<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |      |      |   | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio |  | <input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |   |              |              | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge |  | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled |  |

# Picklist Print

September-27-13 1:09:42 PM

Page 1

|                   |  |             |         |                |         |
|-------------------|--|-------------|---------|----------------|---------|
| Work Order ID:    | 107674                                   | Start Date: | 9/27/13 | Required Date: | 9/27/13 |
| Parent Item:      | 646.3718                                 | Start Qty:  | 4.00    | Required Qty:  | 4.00    |
| Parent Item Name: | Custom Washer                            |             |         |                |         |
| Comments:         | IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM |             |         |                |         |

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

|                                    |           |    |  |  |  |     |    |          |        |                  |  |  |  |
|------------------------------------|-----------|----|--|--|--|-----|----|----------|--------|------------------|--|--|--|
| M6061T6S.063<br>6061-T6 .063 Sheet | Purchased | No |  |  |  | 110 | sf | 718.2905 | 0.0034 | <u>0.0143158</u> |  |  |  |
|------------------------------------|-----------|----|--|--|--|-----|----|----------|--------|------------------|--|--|--|

| Location       | Loc Qty  | Loc Code |
|----------------|----------|----------|
| MAT021         | 718.2905 |          |
| 123135         | 120.2625 |          |
| 124003         | 72.113   |          |
| M126075        | 189.915  |          |
| <u>M127006</u> | 336      |          |

127006 → .028

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____  |      |      | DISPOSITION                                |   |                                    | AGAINST DEPARTMENT/PROCESS                   |                                      |   |             |              |              |  |  |   |  |
|--|------|------|--|---|------------------------------------|--|--------------------------------------|---|-------------|--------------|--------------|--|--|---|--|
|  |      |      | Rework <input type="checkbox"/>            | Skid-tube <input type="checkbox"/>  | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/>           | Engineering <input type="checkbox"/> |   |             |              |              |  |  |   |  |
|  |      |      | Scrap <input type="checkbox"/>             | Machining <input type="checkbox"/>  | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/>    | Quality <input type="checkbox"/>     |   |             |              |              |  |  |   |  |
|  |      |      | Use-as-is <input type="checkbox"/>         | Thermoforming <input type="checkbox"/>  | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>       |   |             |              |              |  |  |   |  |
|  |      |      | Work Order Update <input type="checkbox"/> | Large Fab <input type="checkbox"/>  | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/>            |                                      |   |             |              |              |  |  |   |  |
| Root Cause   | Date | Step | Qty  | Description of work order update or Non-conformance   |                                    | Initial Chief Eng                            | Action Description                   |   | Sign & Date | Verification | QC Inspector |  |  |   |  |
| Doc/Data   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Equip/Tooling  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Operator   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Material   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Setup  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Other  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Process  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Supplier   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Training   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| Unapproved   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| FAULT CATEGORY   |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped.<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |      |      |  | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio |                                    |  |                                      | <input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |             |              |              | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge |  | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled |  |
|  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  | <input type="checkbox"/> Other  |  |
|  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |
|  |      |      |  |   |                                    |  |                                      |   |             |              |              |  |  |   |  |

|                                 |              |             |
|---------------------------------|--------------|-------------|
| DART AEROSPACE LTD              | Work Order:  | 107674      |
| Description: Custom Washer      | Part Number: | 646.3718    |
| Inspection Dwg: 646.3700 Rev: A |              | Page 1 of 1 |

## **FIRST ARTICLE INSPECTION CHECKLIST**

DAS

|              |           |             |            |                       |  |
|--------------|-----------|-------------|------------|-----------------------|--|
| Measured by: | <i>AC</i> | Audited by: | 27<br>9.89 | Preliminary Approval: |  |
| Date:        | 13.11.02  | Date:       | 12/11/04   | Date:                 |  |

| Rev | Date     | Change                     | Revised by | Approved |
|-----|----------|----------------------------|------------|----------|
| E   | 10.04.14 | Added preliminary approval | KJ         |          |

10.04.15

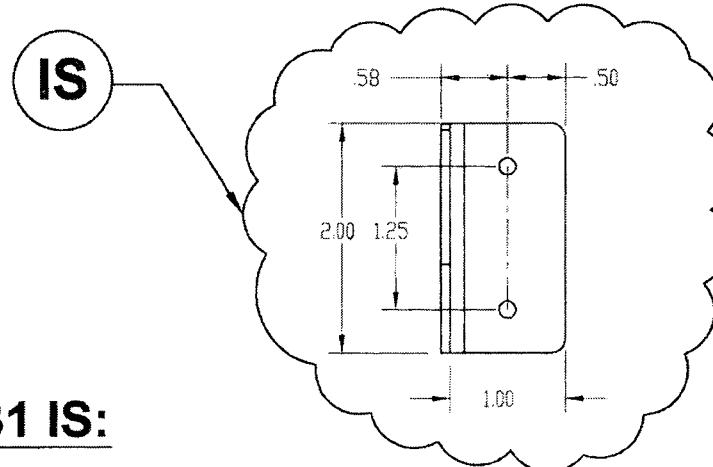
|  |  |                          |                          |                 |   |          |
|--|--|--------------------------|--------------------------|-----------------|---|----------|
| APICAL<br>INDUSTRIES, INC.                                     | ENGINEERING CHANGE NOTICE NO. 03702                                  |                          |                          |                 | SHEET 1 OF 2  |          |
|  | DWG NO. 646.3700   | REV: A                   | PREPARED<br>BY B. PETERS | DATE: 11/15/12  | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |          |
| DWG TITLE: SHEETMETAL  |  |                          |                          |                 |   |          |
| APPROVED BY:   | ENGR: <i>P. B.</i>   | MFG: <i>Darrin Baber</i> | QC: <i>Q</i>             | EFF: NEXT ORDER |   |          |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: ADDED ALTERNATE MATERIAL AND REVISED<br>REFERENCE DIMENSIONS |                          |                          |                 | EDR:  | D-12-010 |

**SHEET 1, ZONE A2 IS:**

IS

PRIMARY MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11  
ALTERNATE MATERIAL: SS 17-4 PH PER AMS 5604

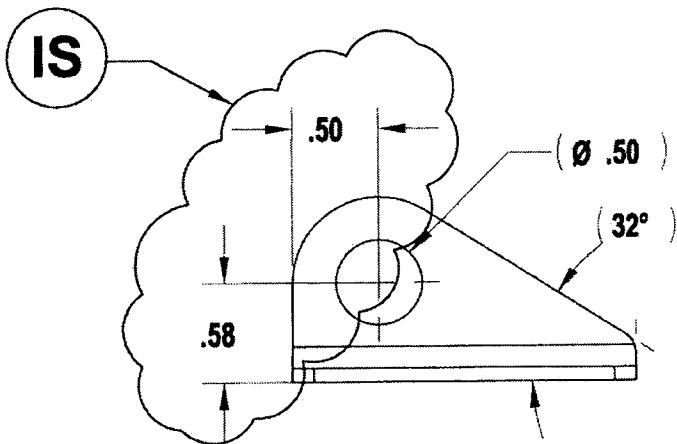
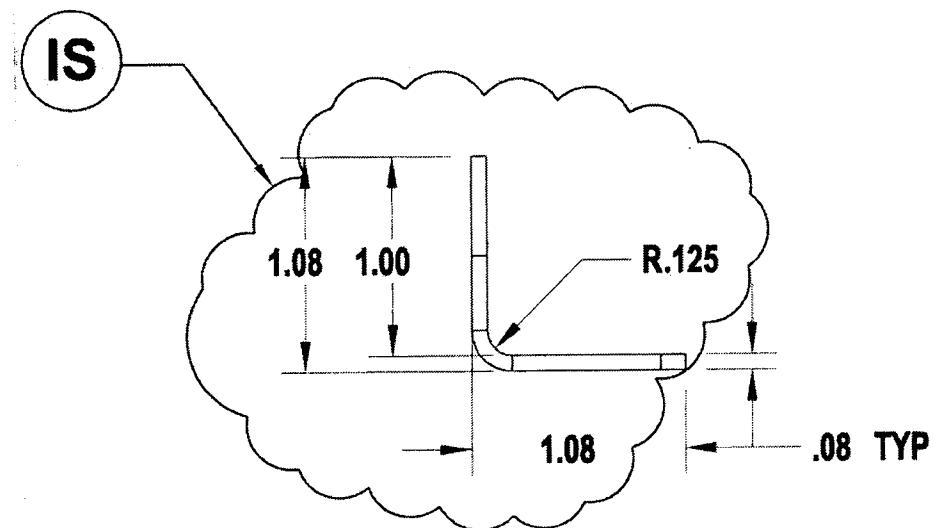
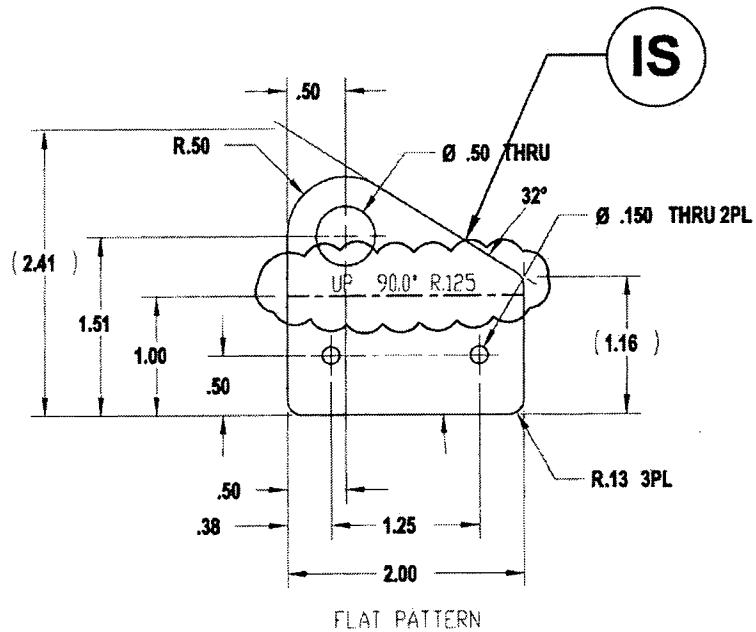
**SHEET 7, ZONE B1 IS:**



107674 M65  
13-09-30

| F/N                 | TC | PART NUMBER | QTY | DESCRIPTION   | MATERIAL  | SPECIFICATION  |
|---------------------|----|-------------|-----|---|---|--|
| DOCUMENTS EFFECTED: |    |             |     | <input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

107674

**SHEET 7, ZONE C4 IS:****SHEET 7, ZONE D1 IS:****SHEET 7, ZONE B7 IS:**

| PN | TC | PART NUMBER | QTY | DESCRIPTION | MATERIAL/SPECIFICATION |
|----|----|-------------|-----|-------------|------------------------|
|    |    |             |     |             |                        |

107674

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| REF | DESCRIPTION            | DATE     | APPENDIX |
|-----|------------------------|----------|----------|
| A   | INCORPORATED ECN 03702 | 07/02/08 | B3       |

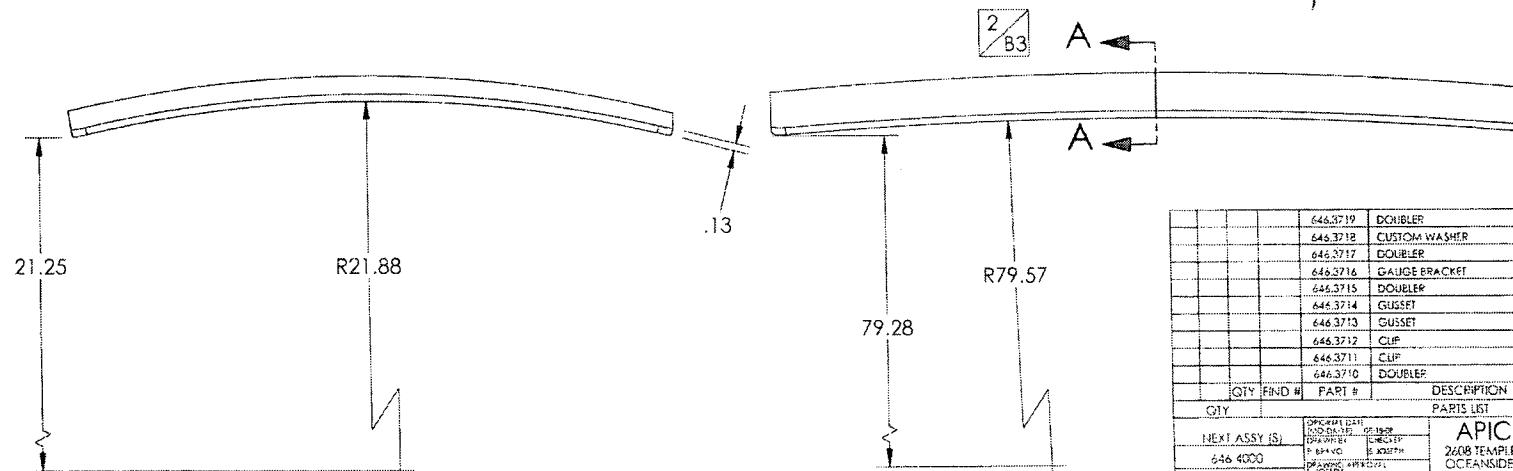
## NOTES:

- 1 MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,  
CLASS 2, COLOR BLACK;  
CARDINAL 4860-50 PRETREATMENT PRIMER  
PRIME IAW MIL-P-23377J TYPE I CLASS N
- 3 MATERIAL: 17-4 PH AMS 5604, CONDITION H900
- 4 FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N
- 5. DEBURR AND BREAK ALL SHARP EDGES
- 6. IDENTIFY IAW MPP-120

646.3710

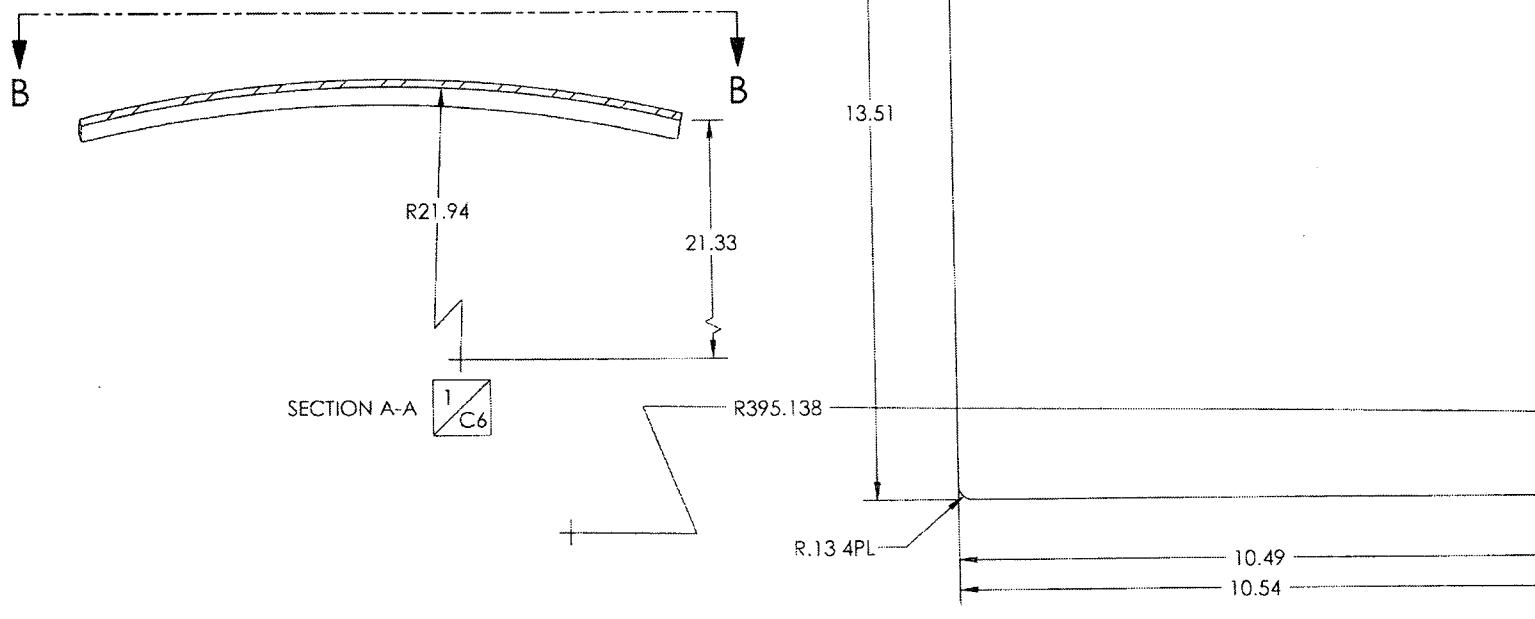
## UNINCORPORATED ECN(s)

03702



| QTY                                   | FIND # | PART #   | DESCRIPTION   | MADE | SPEC. |
|---------------------------------------|--------|----------|---------------|------|-------|
| PARTS LIST                            |        |          |               |      |       |
|                                       |        | 646.3719 | DOUBLER       |      |       |
|                                       |        | 646.3718 | CUSTOM WASHER |      |       |
|                                       |        | 646.3717 | DOUBLER       |      |       |
|                                       |        | 646.3716 | GAUGE BRACKET |      |       |
|                                       |        | 646.3715 | DOUBLER       |      |       |
|                                       |        | 646.3714 | GUSSET        |      |       |
|                                       |        | 646.3713 | GUSSET        |      |       |
|                                       |        | 646.3712 | CLIP          |      |       |
|                                       |        | 646.3711 | CLIP          |      |       |
|                                       |        | 646.3710 | DOUBLER       |      |       |
| QTY                                   |        |          |               |      |       |
| APICAL INDUSTRIES                     |        |          |               |      |       |
| NEXT ASSY IS                          |        |          |               |      |       |
| 646 4000                              |        |          |               |      |       |
| DRAWING DATE                          |        |          |               |      |       |
| 07/02/08                              |        |          |               |      |       |
| DRAWING NUMBER                        |        |          |               |      |       |
| 06 18-02                              |        |          |               |      |       |
| DRAWING TITLE                         |        |          |               |      |       |
| SHEETMETAL                            |        |          |               |      |       |
| APICAL INDUSTRIES INC.                |        |          |               |      |       |
| 2608 TEMPLE HEIGHTS DR.               |        |          |               |      |       |
| OCEANSIDE CA 92056-3512 (760)724-5300 |        |          |               |      |       |
| SCALE: 1:1                            |        |          |               |      |       |
| CAGE CODE: B 07M26                    |        |          |               |      |       |
| PART NO: 646.3700                     |        |          |               |      |       |
| REV: A                                |        |          |               |      |       |
| DATE: 07/02/08                        |        |          |               |      |       |
| SCALE: 1:1                            |        |          |               |      |       |
| HOLE: 1/4"                            |        |          |               |      |       |
| SHEET: 1 OF 9                         |        |          |               |      |       |

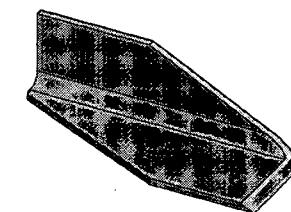
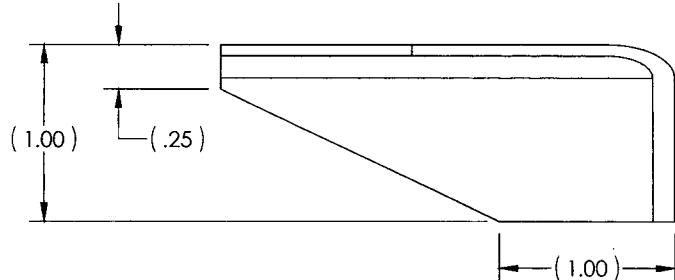
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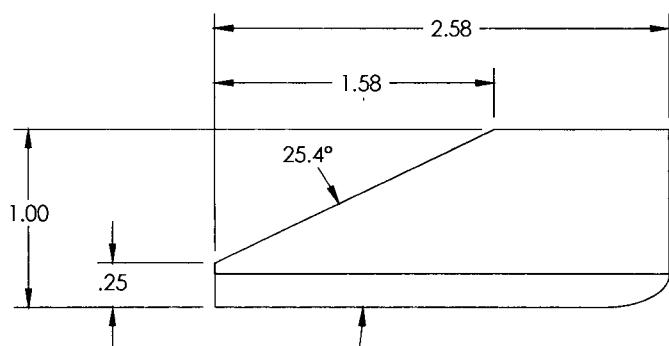
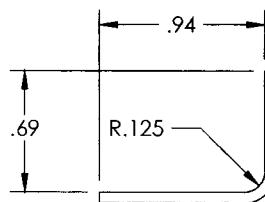
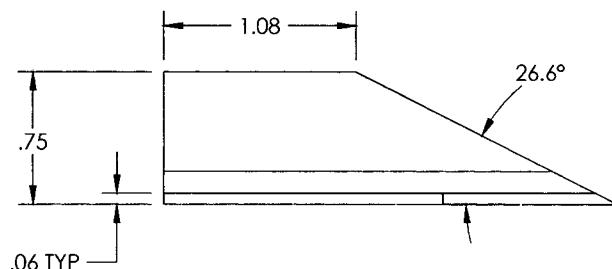
**SECTION B-**

1 2 3 4 5 6 7 8 107674  
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| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV.      | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |



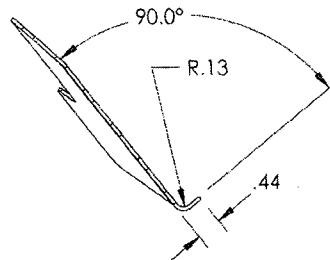
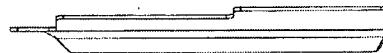
646.3711 SHOWN  
646.3712 OPPOSITE



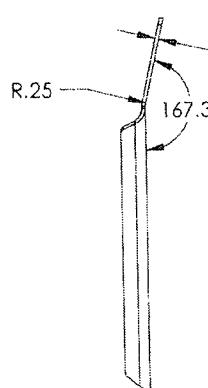
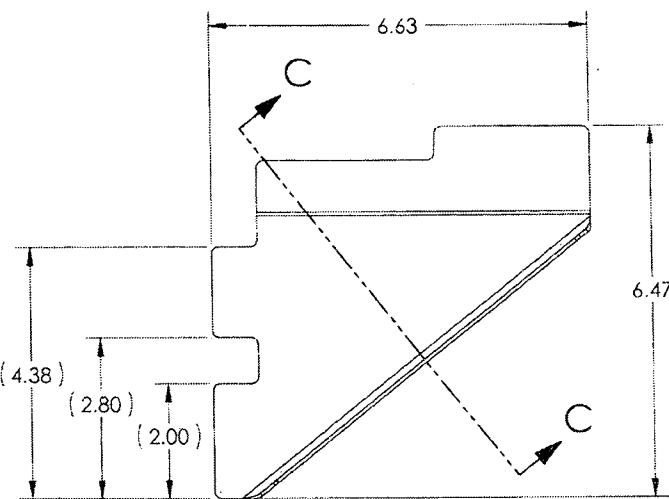
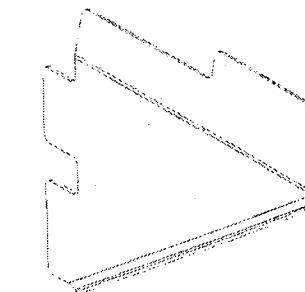
|               |                             |                                    |   |
|---------------|-----------------------------|------------------------------------|---|
| NEXT ASSY (S) | ORIGINAL DATE<br>(DD-MM-YY) | 05-15-08                           | APICAL INDUSTRIES                       |
|               |                             | P. BRAVO                           | S. JOSEPH                               |
|               |                             | DRAWING APPROVAL                   | 2608 TEMPLE HEIGHTS DR.                 |
|               |                             | S. JOSEPH                          | OCEANSIDE, CA. 92056-3512 (760)724-5300 |
|               |                             | CONTRACT NO.                       |   |
|               |                             | UNLESS OTHERWISE SPECIFIED         |   |
|               |                             | ALL DIMENSIONS ARE IN INCHES       |   |
|               |                             | TOLERANCES ARE:                    |   |
|               |                             | 2 PLACE DECIMALS $\pm .01$         |   |
|               |                             | 3 PLACE DECIMALS $\pm .002$        |   |
|               |                             | ANGLES $\pm .5^\circ$              |   |
|               |                             | SCALE: NONE                        | REV. A                                  |
|               |                             | SHEET 3 OF 9                       |   |
|               |                             | SIZE: CAGE CODE: DWG. NO: 646.3700 |   |
|               |                             | B 07M26                            |   |

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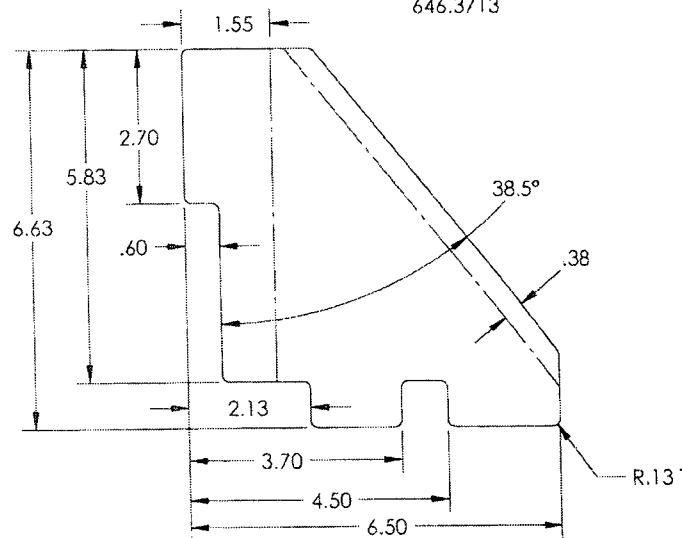
| PERSON |             |      |          |
|--------|-------------|------|----------|
| NAME   | DESCRIPTION | DATE | APPROVED |
|        |             |      |          |



### SECTION C-C



646.3713

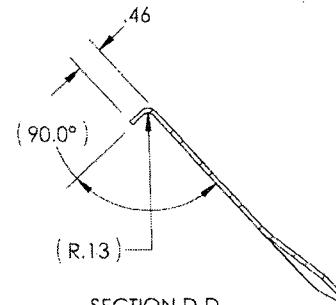
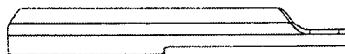


## FLAT PATTERN

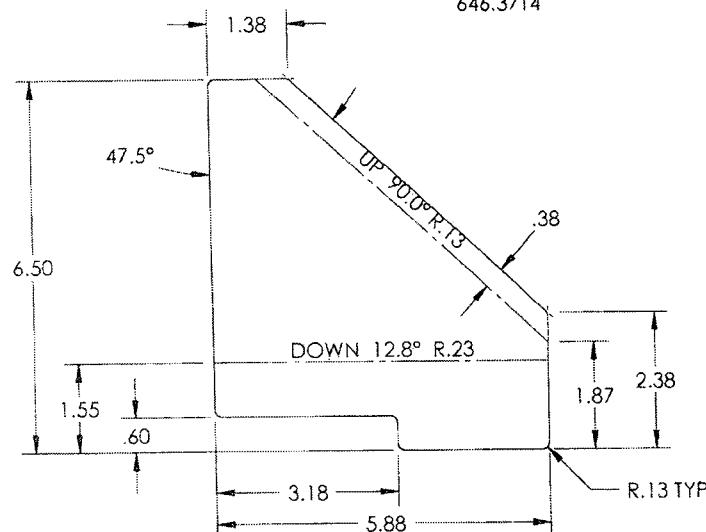
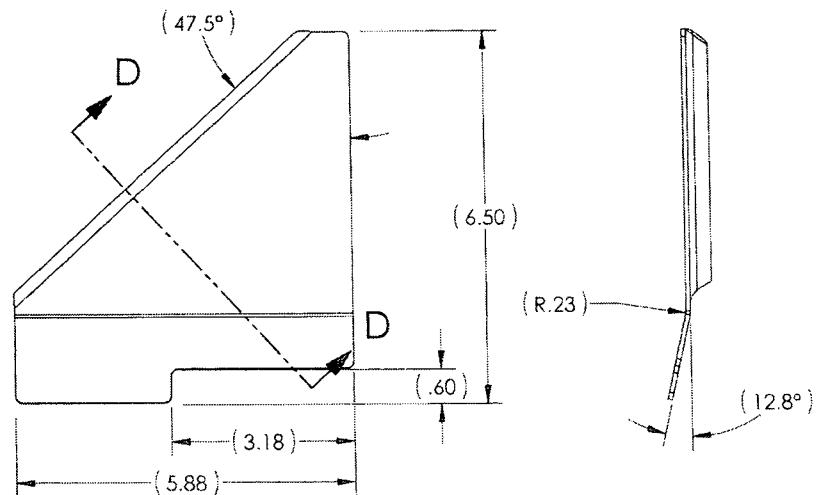
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| REVISION | DESCRIPTION | DATE | APPROVED |
|----------|-------------|------|----------|
|          |             |      |          |
|          |             |      |          |
|          |             |      |          |

107674



SECTION D-D

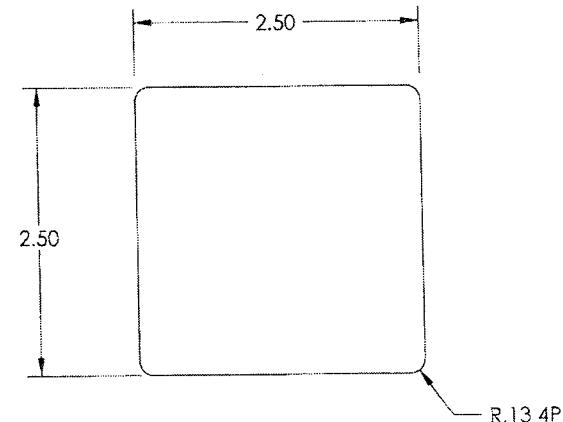


### FLAT PATTERN

107674

1 2 3 4 5 6 7 8  
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| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |



646.3715

|                            |              |   |                         |
|----------------------------|--------------|---|-------------------------|
| NEXT ASSY IS:              | ISSUED DATE: | 06-16-08                                | APICAL INDUSTRIES       |
| REVISION:                  | REVISOR:     | CHIEF<br>P. BROWN                       | 2608 TEMPLE HEIGHTS DR. |
| DRAWING APPROVAL:          |              | OCEANSIDE, CA. 92056-3512 (760)724-5300 |                         |
| DESIGNER:                  |              | CONTRACTOR:                             |                         |
| CONTRACT NO.:              |              | CONFIRMATION:                           |                         |
| HOLDING CHARGES APPLIED TO |              | PRINTS:                                 |                         |
| DRAWINGS ARE AS DRAWN      |              | REF ID:                                 | 646.3700                |
| PRINTS ARE AS DRAWN        |              | REV:                                    | A                       |
| SPECIAL DRAWINGS 7505      |              | DATE:                                   | 06-16-08                |
| INDEX E 3"                 |              | SCALE:                                  | 1 SHEET 1 OF 4          |

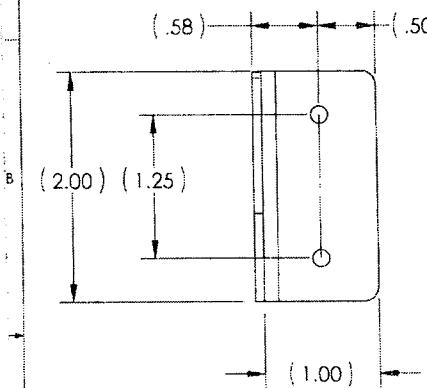
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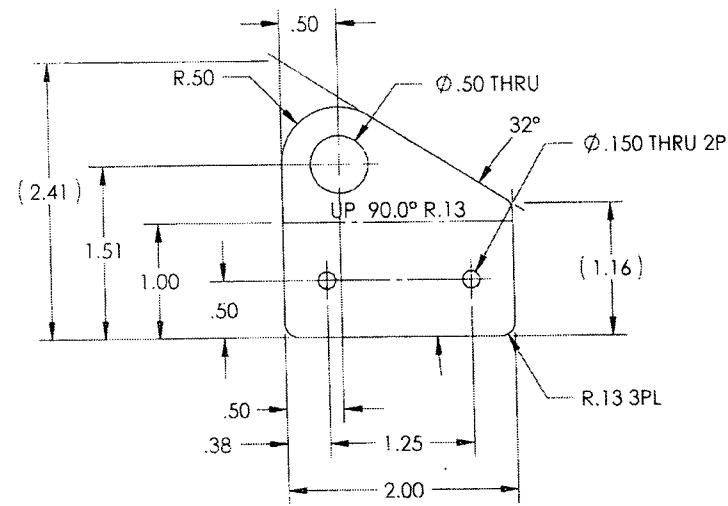
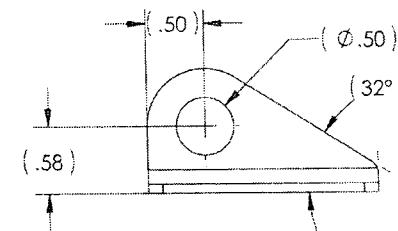
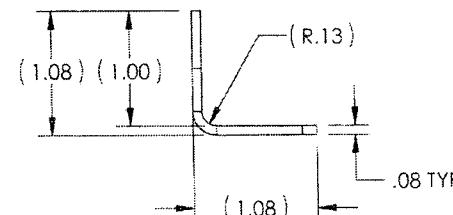
| REVISION |             |      |          |
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10



646,371

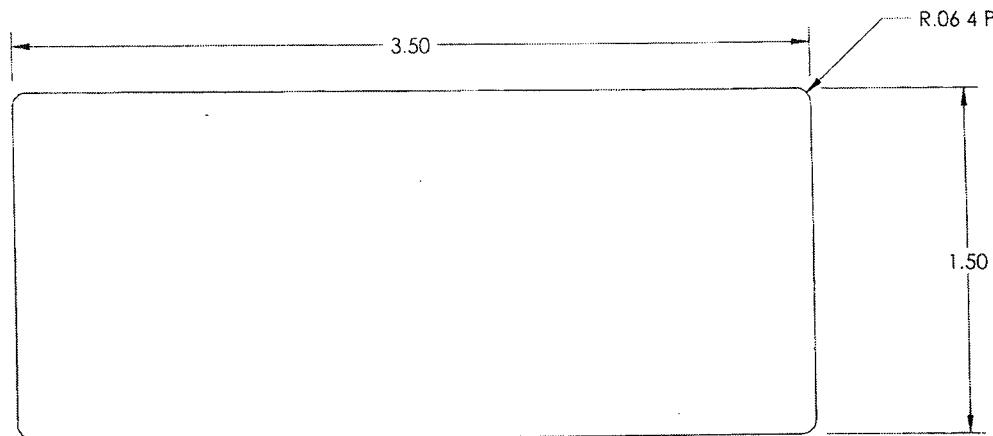


### FLAT PATTERN

1 2  
3 4 5 6 7 8  
107674

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| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |



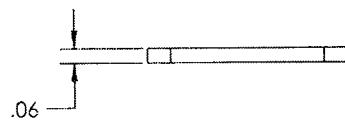
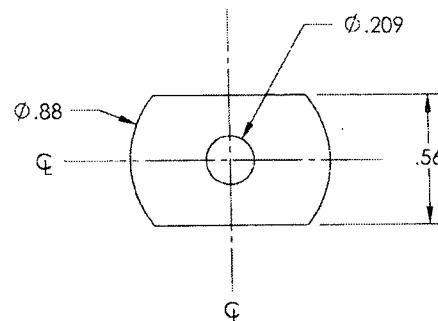
646.3717

|               |                 |          |          |                             |              |
|---------------|-----------------|----------|----------|-----------------------------|--------------|
| NEXT ASSY (S) | ORIGINATOR DATE | 06-JA-93 | DRAWN BY | APICAL INDUSTRIES           |              |
|               |                 |          |          | R. SPANCO                   | J. CHIEN     |
|               |                 |          |          | DRAWING APPROVED            |              |
|               |                 |          |          | 06-18-93                    |              |
|               |                 |          |          | CONTRACT FILE               |              |
|               |                 |          |          | CLASS CHANGES ARE UNLEASHED |              |
|               |                 |          |          | EXCLUSIONS ARE PAPERS       |              |
|               |                 |          |          | PRINTED DRAWINGS ARE 2D     |              |
|               |                 |          |          | PLACED DECIMALS 2 POS       |              |
|               |                 |          |          | ANGLED 1/2"                 |              |
|               |                 |          |          | SEE BACK SIDE               | REV          |
|               |                 |          |          | B 1 DM26                    | A            |
|               |                 |          |          | 646.3700                    |              |
|               |                 |          |          | SCALE: NONE                 | SHEET 6 OF 9 |

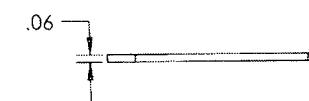
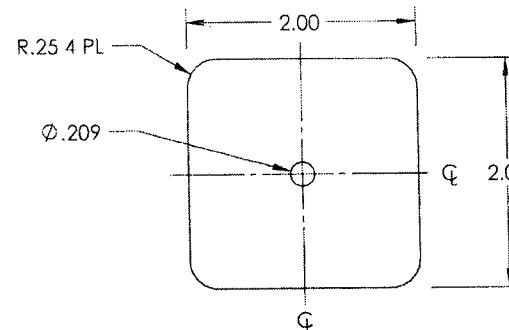
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| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
|     |             |      |          |



646.3718



646.3719

|  |                    |                       |  |                         |   |
|--|--------------------|-----------------------|--|-------------------------|---|
| NEXT ASSY. IS:                                       | DRAWN BY: P. BRAVO | CHECKED BY: J. JOSEPH | APRIL 18, 1988<br>DRAWN AND APPROVED<br>APICAL INDUSTRIES<br>CONTRACTING | APICAL INDUSTRIES       |   |
|  |                    |                       |  | 2506 TEMPLE HEIGHTS DR. | OCEANSIDE, CA. 92056-3512 (760)724-5300 |
| UNIVERSITY INDUSTRIAL PARK<br>EMMETTSON AND PARTNERS | 646.3700           | REV A                 |  | SHEETMETAL              |   |
| PLACE DRAWING #: 646.3700<br>ANGLE: 3.5°             | 646.3700           | SCALE: NO.4           |  | SCALE: NO.4             | SHEET: 9 OF 9                           |



A.T.G. Industries Inc.  
731, rue Industrielle Rd.  
PLATING DEPARTMENT  
Rockland, On K4K 1T2  
Canada  
Ph: (613) 446-4544  
Fax: (613) 446-4556

### Pack List

Number: 62753

Date: 22-Nov-13

#### To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

#### Ship To

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7  
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

| Terms    | Ship Via   |
|----------|--|
| Quantity | Description  |
| 1<br>lot | Part: ASST<br>10 PCS 646.3312 (12.05) ✓<br>12 PCS 646.3010 (10.25) ✓<br>6 PCS 646.3310 (18.10) ✓<br>2 PCS 645.3110 (10.65) ✓<br>4 PCS 646.3810 (6.55) ✓<br>32 PCS 646.3715 (6.70) ✓ 8+8<br>38 PCS 646.3718 (3.95) ✓ 20+10 (8)<br>6 PCS 646.9812 (22.80)<br><br>HARD ANODIZE BLACK<br>MIL-A-8625 TYPE III CLASS 2<br><br>PRIME MIL-P-23377J TYPE I CLASS N<br><br>PRICE IS PER PIECE<br>Job: 20130724 PO: 21915 Line: |
|          | <p>Certificate of Conformance</p> <p>A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.</p> <p>ISO 9001 : 2008 REGISTERED<br/>ATG SALES-2010 TERMS APPLY</p> <p>DATE: <u>22/11/13</u></p> <p>CERTIFIED SIGNATURE: <u>M</u></p> <p>RECEIVER SIGNATURE: _____</p>                                     |